

### ABSTRACT OF THE DISCLOSURE

A digital camera supplies raw pixel data in a raw data mode to a digital processor. In the digital processor, a white balance decision circuit determines a white balance gain as color temperature information. The digital processor outputs the image data and the white balance gain thus determined over data bus to an interface unit. The linear matrix coefficients, supplied from a system controller, are sent over the data bus to the interface unit, which interfaces the data in accordance with a recording format, according to which the three sorts of data are recorded in a storage unit responsive to a control signal.